	e for form 1449A		o, no persons a	are required to respond to a collection of	or information unless it contains a valid UNIB control number.	
INFO	RMATION	DISCLOSU	JRE		Complete if Known	
STAT	EMENT B	Y APPLICA	ANT	Application Number	09/245,615	
				Filing Date	Feb 4, 1999	
				First Named Inventor	James P. Hoeffler	
				Art Unit	1641	
				Examiner Name	COOK, Lisa V.	
(Use as many she	eets as necessary)				
Sheet	1	of	3	Attorney Docket No: IVGN 274.1		

	US PATENT DOCUMENTS							
Exan Initi		Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
/L.C)./	A1	4865998	Sep 12, 1989	Feickert, et al.			
		A2	5283283	Feb 1, 1994	Ogata, N.			
		A 3	5436134	Jul 25, 1995	Haugland, et al.			
		A4	5491097	Feb 13, 1996	RIBI, Hans O.			
/L.C	,./	A 5	7354721	Apr 8, 2009	Tchaga, Grigoriy S.			

			F	OREIGN PATEN	T DOCUMENTS		
	miner tials*	Cite No	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
/L.C)./	B1	EP-0404097	Jun 20, 1990	Bosslet, et al.	Haman	/
000000		B2	GB-2099578	Dec 8, 1982	Gordon, et al.	No.	
9900000		ВЗ	WO-1989/04489	May 18, 1989	Niman, et al.	8	
2000000		B4	WO-1992/01047	Jan 23, 1992	McCafferty, et al.		
000000		B5	WO-1993/11161	Jun 10, 1993	Whitlow, et al.	and	
8000008		В6	WO-1993/19172	Sep 30, 1993	Johnson, et al.		A
900000		В7	WO-1995/18377	Jul 6, 1995	Ekins, et al.		
000000		B8	WO-1995/35505	Dec 28, 1995	Shalon, et al.		
0000000		В9	WO-1996/36436	Nov 21, 1996	Nova, et al.		
900000		B10	WO-1997/10365	Mar 20, 1997	Chunweil, et al.	V	
XXXXX		B11	WO-1999/20749	Apr 29, 1999	Tomlinson, et al.	X	
000000		B12	WO-86/006170	Oct 23, 1986	Liberti, P.A.		
990000		B13	WO-9312248A1	Jun 24, 1993	Spencer, J.		
200000		B14	WO-9508770A1	Mar 30, 1995	Seeger, et al.		
		B15	WO-9602830A1	Feb 1, 1996	Sartore, et al.		à
		B16	WO-9638726A1	Dec 5, 1996	Heyse, et al.		on the same
		B17	WO-9732017A1	Sep 4, 1997	llag, et al.		and the same of th
		B18	WO-9736681A1	Oct 9, 1997	Woudenberg, et al.		- AND -
		B19	WO-9741424A1	Nov 6, 1997	Lennox, R.B.		
/L	.C./	B20	WO-9741425A1	Nov 6, 1997	Lennox, et al.		

/Lisa Cook/ **EXAMINER DATE CONSIDERED** Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	e for form 1449A		<u>-, p </u>		of information unless it contains a valid divide control number	
INFO	RMATION	DISCLOS	JRE		Complete if Known	
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				Examiner Name	COOK, Lisa V.	
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	-					
Sheet	2	of	3	Attorney Docket No: IVGN 274.1		

					Many .	
/L.C./	B21	WO-99/039210	Aug 5, 1999	Humphery-Smith, I.	000000000000000000000000000000000000000	56888 5008

	OTHER	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	т ²				
/L.C./	C1	Partial EP Search Report mailed 04/26/2010 in EP Appl. No. 09180044.1					
	C2	Non-Final Office Action mailed 12/23/2008 in US Appl. No. 10/035,368	2000				
	C3	European Search Report Mailed 12/27/2004 in EP Appl. No. 99905748.2	20000				
	C4	Partial European Search Report Mailed 09/06/04 in EP Appl. No. 99905748.2	000000				
80000	C5	International Search Report Mailed 04/28/1999 in International Appl. No. PCT/US99/02442	000000000000000000000000000000000000000				
	C6	Written Opinion mailed 02/16/00 in International Appl. No. PCT/US99/02442	0000				
000000000000000000000000000000000000000	C7	BAECHER-ALLAN, CLARE M. et al., "Differential Epitope Expression of Ly-48 (Mouse Leukosialin)", <u>Immunogenetics</u> , Vol. 37, No. 3, 1993; pp. 183-192	000000000000000000000000000000000000000				
000000000000000000000000000000000000000	C8	BLANC, BERNARD, "Immunoelectrophoretic two-dimensional analysis in a jellified medium", <u>Bulletin de la Societe de Chimie Biologique</u> , Vol. 41, (English Abstract only) 1959; pp. 891-899	20000000000000000000000000000000000000				
90000000000	C9	CHU, F. W. et al., "Microarray-Based Immunoassays", Am Chem Soc., Vol. 657, 1997; pp. 170-184	000000000000000000000000000000000000000				
000000000000000000000000000000000000000	C10	COPELAND, CONNIE S. et al., "Nuclear pore complex antigen delineate nuclear envelope dynamics in vegetative and conjugating Saccharomyces cerevisiae.", Yeast, Vol. 9, No 3, 1993; pp. 235-249	33000000000000000000000000000000000000				
	C11	EKINS, R. et al., "DEVELOPMENTOF MICROSPOT MULTI-ANALYTE RATIOMETRIC IMMUNOASSAY USING DUAL FLUORESCENT-LABELLED ANTIBODIES", Analytica Chimica Acta, Vol. 227, 1989; pp. 73-96	000000000000000000000000000000000000000				
000000000000000000000000000000000000000	C12	EKINS, ROGER P. et al., "Fluorescence Spectroscopy and its Application to a New Generation of High Sensitivity, Multi-Microspot, Multianalyte, Immunoassay", Clinica Chimica Acta., Vol. 194, No. 1, 12/17/1990; pp. 91-114	000000000000000000000000000000000000000				
EKINS, R. et al., "Immunoassay and other ligated C13 future trends", International Federation of Clin		EKINS, R. et al., "Immunoassay and other ligand assays: present status and future trends", International Federation of Clinical Chemistry / IFCC, Vol. 9, No 3, 9/1/1997; pp. 100,102-109	20000000000000000000000000000000000000				
000000000000000000000000000000000000000	C14	EKINS, ROGER P. et al., "Multianalyte microspot immunoassay. The microanalytical 'compact disk' of the future", <u>Ann Biol Clin.</u> , Vol. 50, No. 5, Paris 1992; pp. 337-353	DOCUMENTACION DE COMPOSITORIO				
/L.C./	C15	HOLLINGER, PHILIPP et al., "Diabodies: small bivalent and bispecific antibody fragments", <u>PNAS</u> , Vol. 90, No. 14, 1993; pp. 6444-6448	AND				

06/20/2010 /Lisa Cook/ **EXAMINER DATE CONSIDERED**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	e for form 1449A		o, no potection		of information unless it contains a valid OMD control number.	
INFO	RMATION	DISCLOSU	JRE		Complete if Known	
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(8	Use as many she	eets as necessary)				
Sheet	3	of	3	Attorney Docket No: IVGN 274.1		

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/L.C./ C16		LESLEY, WALLACE A. et al., "Molecular Characterization of Envelope Antigenic Variants of Hepatitis B Virus from Spain", <u>Journal of Infectious Diseases</u> , Vol. 170, No. 5, 1994; pp. 1300-1303	**************************************
70000000000000000000000000000000000000	C17	LIJNEN, H. R. et al., "Screening Panels of Monoclonal Antibodies using Phage- Displayed Antigen", <u>Analytical Biochemistry</u> , Vol. 248, No. 2, 1997, pp. 211-215	20000000000000000000000000000000000000
Мосософиянского	C18	MILLE, BLANDINE et al., "Two-site immunoassay of recombinant hirudin based on two monoclonal antibodies", <u>Clinical Chemistry</u> , Vol. 40, No. 5, 1994; pp. 734-739	20000000000000000000000000000000000000
20000000000000000000000000000000000000	C19	NAWA, MASARU et al., "Stability of Hemagglutinating Activity of Extracellular and Intracellular Forms of Japanese Encephalitis Virus Exposed to Acidic pH", Microbiol. Immunol., Vol. 40, No. 5, 1996; pp. 365-371	200000000000000000000000000000000000000
221220200000	C20	PIEHLER, J. et al., "Multi-analyte determination with a direct optical multi- antibody detection system", <u>SPIE</u> , Vol. 2504, 1995; pp. 185-194	ALEGO CO
000000000000000000000000000000000000000	C21	POLLET, D. E. et al., "Enzyme-antigen immunoassay for human placental alkaline phosphatase in serum and tissue extracts, and its application as a tumor marker", CLINICAL CHEMISTRY, Vol. 31, No. 1, Jan. 1985; pp. 41-45	000000000000000000000000000000000000000
000000000000000000000000000000000000000	C22	RAMSAY et al., "DNA chips: state-of-the art", Nat. Biotechnol., Vol. 16, No. 1, 1998; pp. 40-44	***************************************
000000000000000000000000000000000000000	C23	SCHUH, ROLF, "Determination of monoclonal antibody specificity byimmunoadsorption and Western blotting", <u>Journal of Immunological Methods</u> , Vol. 152, 1992; pp. 59-67	90000000000000000000000000000000000000
000000000000000000000000000000000000000	C24	VENIEN, ANNIE et al., "Production and Epitopic Characterization of Monoclonal Antibodies Against Bovine p-Lactoglobulin", <u>J. Dairy Sci.</u> , Vol. 80, No. 9, 1997; pp. 1977-1987	No.coccessore coccessore
	C25	OHYAMA, et al., "Changes in Glycolipid Expression in Human Testicular Tumor", Int. J. Cancer, Vol. 45, Wiley-Liss, Inc., 1990; pp. 1040-1044	PPRINCES CONTRACTOR CO
33500000000000000000000000000000000000	C26	SCARMAN, et al., "Identification of novel species-specific antigens of <i>Mycoplasma hyopneumoniae</i> by preparative SDS-PAGE ELISA profiling", Microbiology, Vol. 143, 1997; pp. 663-673	000000000000000000000000000000000000000
/L.C./	C27	TEIXEIRA-GOMES, et al., "Identification and characterization of Brucella ovis immunogenic proteins using two-dimensional electrophoresis and immunoblotting", <u>Electrophoresis</u> , Vol. 18, 1997; pp. 1491-1497	900000000000000000000000000000000000000

/Lisa Cook/ 06/20/2010 **EXAMINER DATE CONSIDERED**